

**APICAL
INDUSTRIES, INC.**

		ENGINEERING CHANGE NOTICE NO.		04186		SHEET 1	1
DWG NO. 41228-300-009		REV: B	PREPARED BY	J. GARDINER	DATE: 11/04/13	EFFECT ON DWG	
		DWG TITLE: FUEL SYSTEM INSTALLATION				<input type="checkbox"/> INC.	<input checked="" type="checkbox"/> UNINC.
APPROVED BY:		ENGR <i>Z. Branc</i>	MFG <i>David Barber</i>	QC <i>CSJ</i>	EFF. CURRENT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED F/N 26				ECR: N/A	

**CONTROL COPY
ISSUED DATE
NOV 15 2013**

26	R	601.3704	3FT	FUEL HOSE		
F/N	TC	PART NUMBER	-001	DESCRIPTION	MATERIAL	SPECIFICATION
QTY						
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCTIONS <input type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY	DER REVIEW REQUIRED
				<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

4

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 01892, 01895 & 02991	10-28-10	P. BRAVO
B	INCORPORATED ECN 03053, 03102, 03659 & 03800	02-06-13	P. BRAVO

UNINCORPORATED ECN(s)

04198

**CONTROL COPY
ISSUED DATE**

FEB 13 2013

-  ALT. VENDOR: EATON P/N PS4023H000AE306A
 -  ALT. VENDOR: EATON P/N PS4023H000AF200A
 -  ALT. VENDOR: EATON P/N PS4023H134AE346A
 -  ALT. VENDOR: EATON P/N PS4023H134AE336A
 -  (USE WITH ITEM 17A)
 -  (USE WITH ITEM 17)
 -  BELL HELICOPTER, FT. WORTH, TX.
 -  (USE WITH ITEM 29A)
 -  (USE WITH ITEM 29)
 -  BOND WITH CB200 CLICK BOND ADHESIVE.
 -  COUNTER BORE TO PROVIDE RIVET RELIEF FOR EXISTING RIVET PATTERN AS REQUIRED.
 -  THE COMPOSITE MATERIAL MUST BE Sanded TO REMOVE THE TOP COAT OR WAX COAT. LIGHTLY SAND THE NUT PLATE ALSO TO ENSURE MAXIMUM BONDING. BOND WITH LOCTITE 332 AND ACTIVATOR 7387.
 -  MIN OF 2 NUTPLATES REQ'D IF CONFLICT FOR 3 NUTPLATES EXIST.

NOTES:

QTY REQ'D		REF	42	600.1018	LOCTITE 7387		
		REF	41	600.1017	LOCTITE 332		
		3	40	601.1621	SCREW	MS27039-1-08	
		3	39	601.0774	WASHER	NAS1149C0363R	
		3	38	601.1945	INSERT (SELF-LOCKING)	TYE3005B3-8	
		REF	37	41228-301-085-001	PANEL ASSY		
		2	36	MS35489-46	GROMMET		
		2	35	MS3367-1-9	TY-WRAP		
		1	34	MS29513-216	O-RING		
		3	33	MS27194-16	GASKET		
		1		-001	INSTALLATION		
		-001	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
					PARTS LIST		

	2	32	601.1949	SCREW	MS27039-1-11		
	31	31	601.1365	SCREW	MS27039-1-10		
	12	30	MS24693-296	SCREW			
	REF	29A	AN815-16D	UNION		10	
	1	29	41228-301-082-005	FITTING		9	
	1	28	222-066-632-001	GASKET		8	
	6	27	601.1900	NUTPLATE	MS21059-3		
	2	26	NSF-51	TUBING	15 x .62 OD x .38 ID.		
	12	25	MS20426AD3-4	RIVET			
	3	24	CB2009AA3S	NUTPLATE			
	14	23	601.2182	WASHER	NAS1149D0332J		
	33	22	601.1718	WASHER	NAS1149D0363J		
	8	21	AN3-5A	BOLT			
	6	20	AN3-4A	BOLT			
	4	19	NAS43HT4-24	SPACER			
	1	18	41228-301-087-001	MOUNTING ANGLE ASSY			
	REF	17A	41228-301-082-007	CASTING, AFT FUEL CELL STAND PIPE		7	
	1	17	41228-301-082-001	CASTING, AFT FUEL CELL STAND PIPE		6	
	1	16	41228-301-081-001	STAND PIPE			
	2	15	41228-301-079-001	DRAIN TUBE			
	2	14	41228-301-078-001	GROMMET			
	REF	13	41228-301-065-002	CAVITY ASSY			
	REF	12	41228-301-065-001	CAVITY ASSY			
	1	11	41228-301-055-001	TEE			
	1	10	41228-202-142-002	COVER			
	1	9	41228-202-142-001	COVER			
	2	8	41228-202-141-001	FAIRING			
	1	7	156538-8D0120	HOSE ASSY		14	
	1	6	156538-8D0130	HOSE ASSY		13	
	1	5	124K003-BCR-0346	HOSE ASSY		12	
	1	4	124K003-BCR-0336	HOSE ASSY		11	
	1	3	PS4023M350ET292A	HOSE ASSY			
	1	2	PS4023M090ET292A	HOSE ASSY			
	XX 1		-001	INSTALLATION			
	-001	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC	
QTY REQ'D		PARTS LIST					
NEXT ASSY(S)				ORIGINAL DATE (MD-DA-YR) 06-26-01			
41228-000-004				DRAWN BY D. NELSON	CHECKER		
				DRAWING APPROVAL			
				CONTRACT No.			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES: $\pm 1^\circ$	APICAL INDUSTRIES, INC. 2508 TEMPLE HEIGHTS DR. COCOA BEACH, FL 32926-3812 (786) 734-6300		
				FUEL SYSTEM INSTALLATION			
				SIZE B	CAGE CODE 07MZ6	DWG. No. 41228-300-009	
				SCALE NONE		REV B	
						SHEET 1 of 6	

FUEL SYSTEM INSTALLATION

DWG. No. 41228-300-009 SHEET 1 of 6 REV B

1 2 3 4 5 6 7 8

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B.L. 14.0

OF AIRCRAFT

B.L. 14.0

AFT CROSS TUBE

A

A

B

B

C

C

D

D

FWD

R/H

L/H

SEE DETAIL C-1

SEE DETAIL C-2

SEE DETAIL A

VIEW LOOKING UP AT
BOTTOM OF A/C

(14) (1 EA.)
SEE DETAIL C-1

(16) (1 EA.)

(15) (1 EA.)
SEE DETAIL B

(17) (1 EA.)
SEE DETAIL A

ORIGINAL DATE (MO-DA-YR)	06-26-01
DRAWN BY	CHECKER
D. NELSON	
DRAWING APPROVAL	
CONTRACT No.	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ARE AS FOLLOWS	
2 PLACE DECIMALS $\pm .03$	
3 PLACE DECIMALS $\pm .010$	
ANGLES $\pm 10'$	

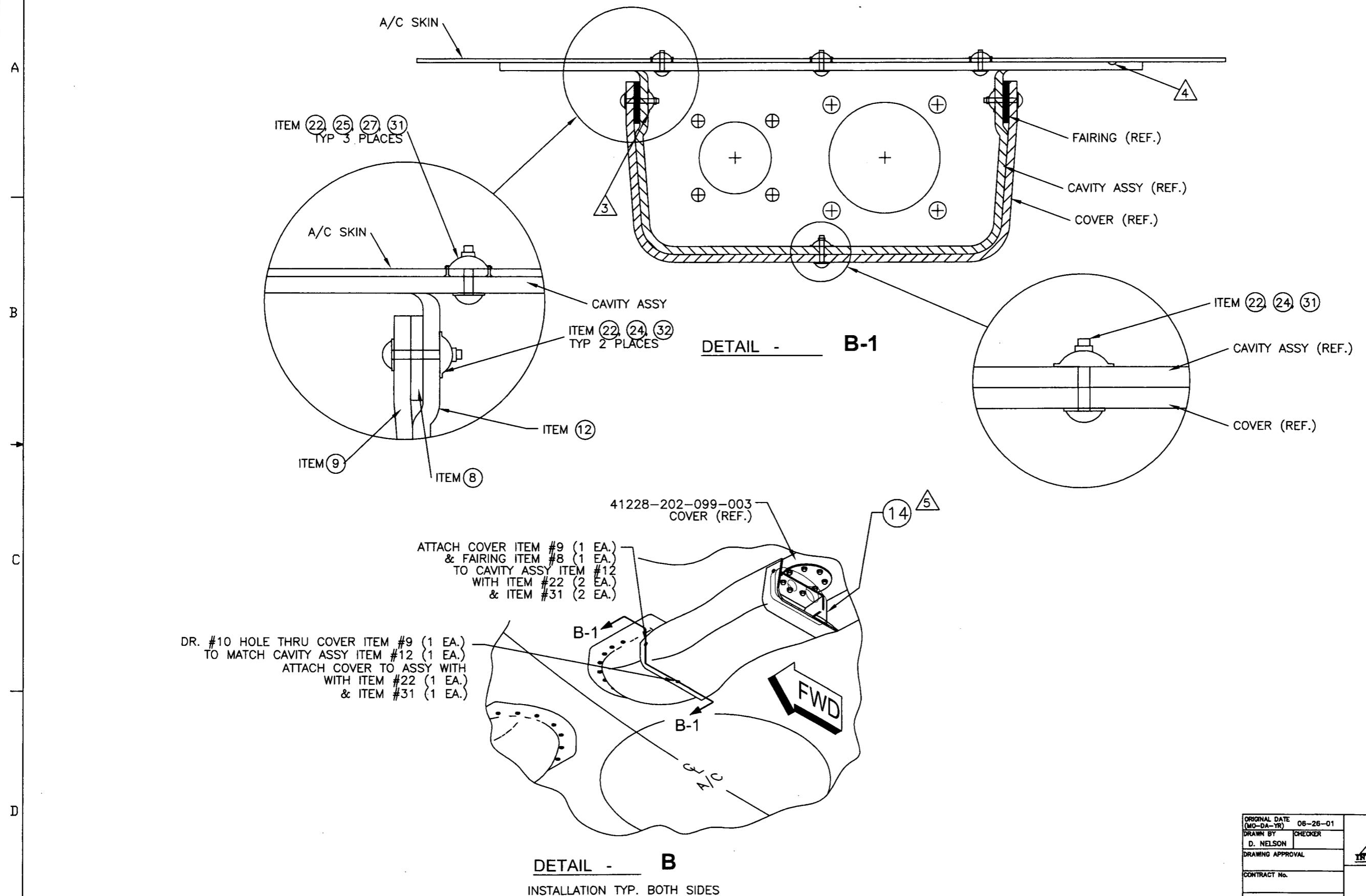
APICAL
INDUSTRIES, INC.
2000 TEMPLE HILLS DR.
DALLAS, TX 75248-3612 (972) 724-0300

FUEL SYSTEM
INSTALLATION

SIZE	CAGE CODE	DWG. NO.	REV
B	07MZ6	41228-300-009	B
SCALE	NONE	SHEET 2 of 6	

1 2 3 4 5 6 7 8

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ORIGINAL DATE (MO-DA-YR)	08-26-01
DRAWN BY	CHECKER
D. NELSON	
DRAWING APPROVAL	
CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm 2^\circ$	

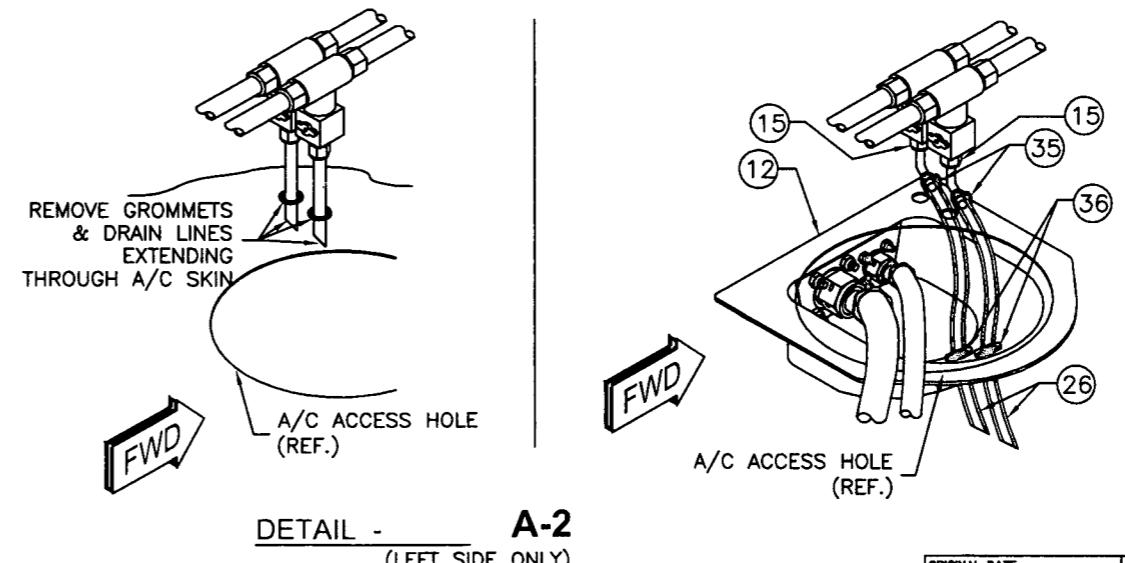
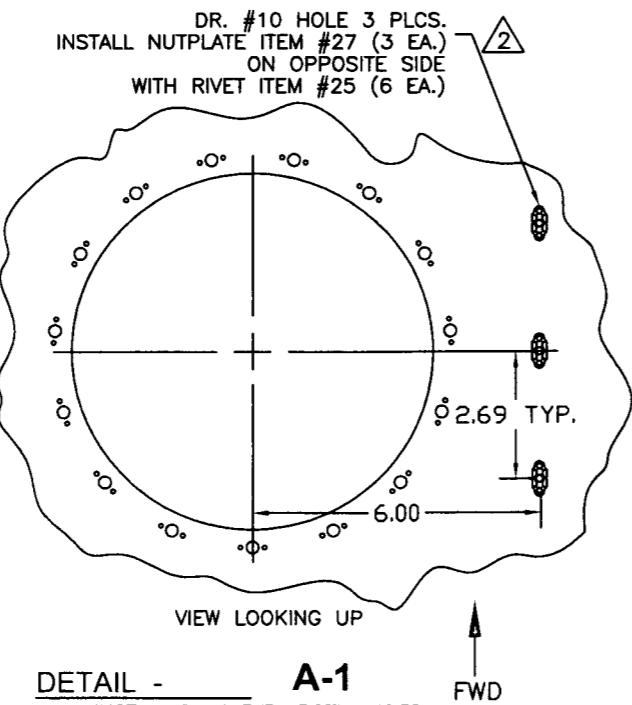
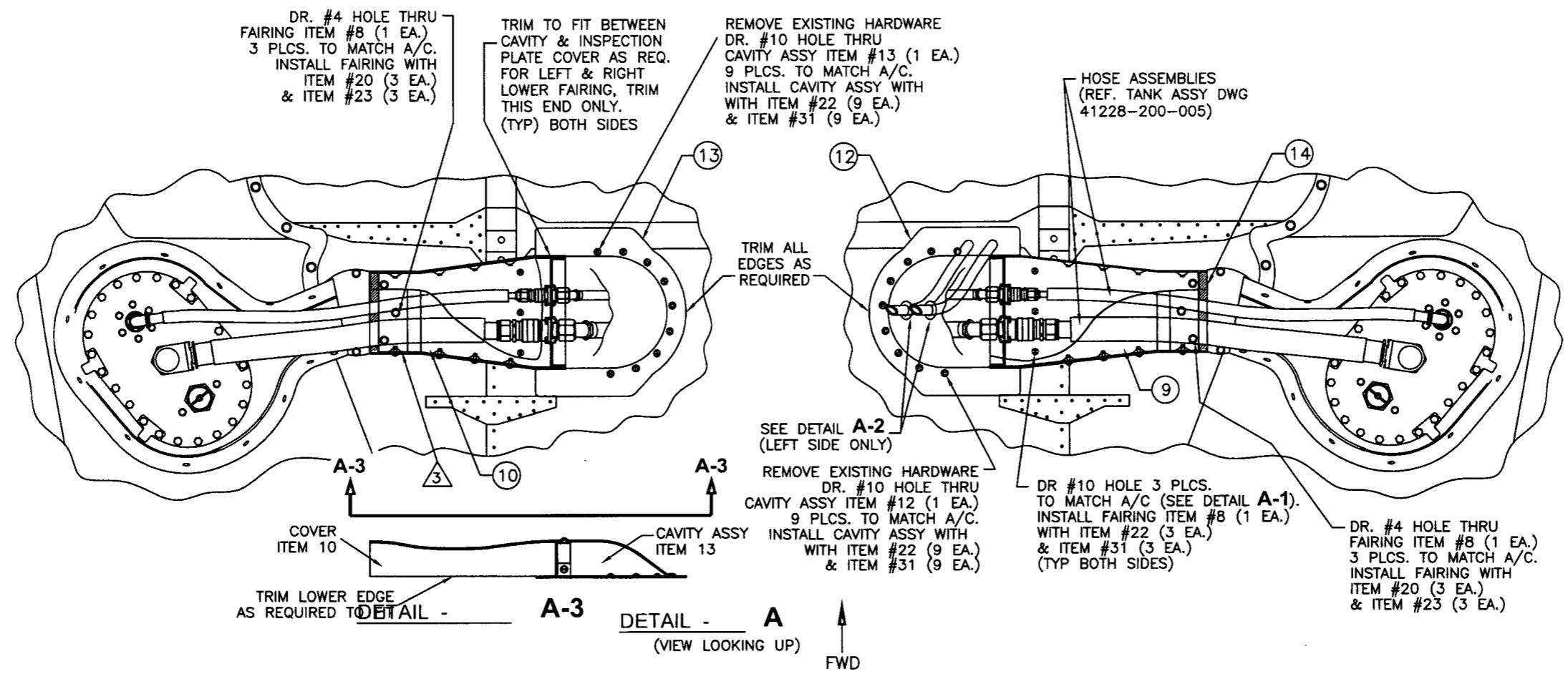
APICAL
INDUSTRIES, INC. 2808 TEMPLE HEIGHTS DR.
OCALANDO, CA 92390-3812 (714) 724-6300

FUEL SYSTEM
INSTALLATION

SIZE	CAGE CODE	DWG. No.	REV
B	07M26	41228-300-009	B
SCALE	NONE	SHEET 3 of 6	

1 2 3 4 5 6 7 8

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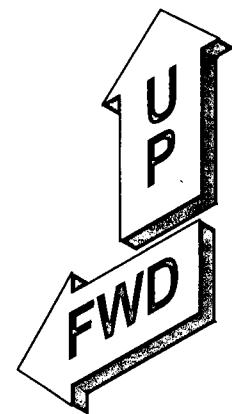


ORIGINAL DATE (MO-DA-YR)	06-26-01		
DRAWN BY	CHECKER		
D. NELSON			
DRAWING APPROVAL			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
TOLERANCES ON 2 PLACE DECIMALS $\pm .03$			
3 PLACE DECIMALS $\pm .003$			
ANGLES $\pm 1^\circ$			
SIZE	CAGE CODE	DWG. No.	REV
B	07M26	41228-300-009	B
SCALE		NONE	SHEET 4 of 6

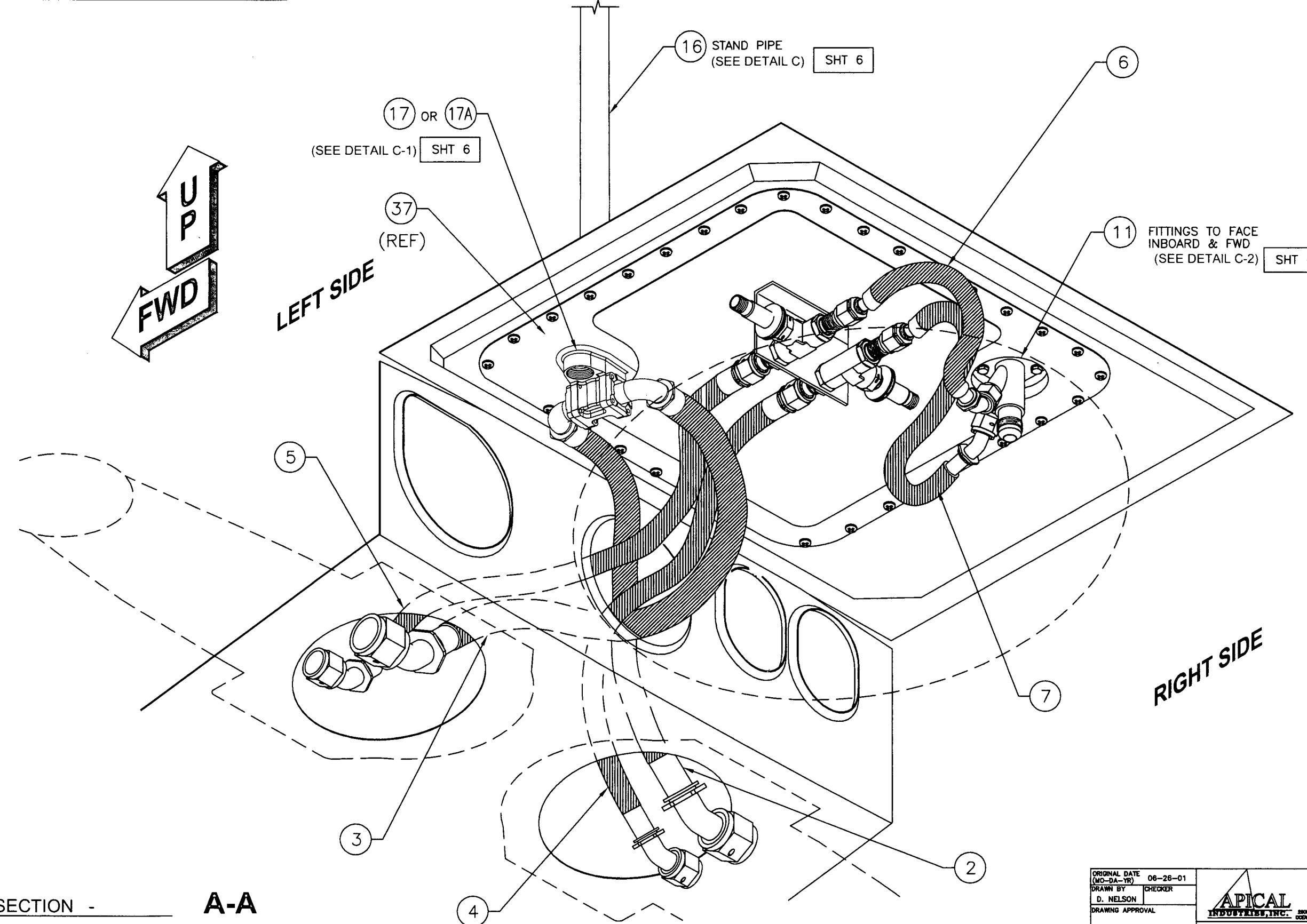
APICAL INDUSTRIES, INC. 2000 TEMPLE HEIGHTS DR., OCOEE, GA 30052-3811 (706) 794-6300

FUEL SYSTEM INSTALLATION

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LEFT SIDE



SECTION -

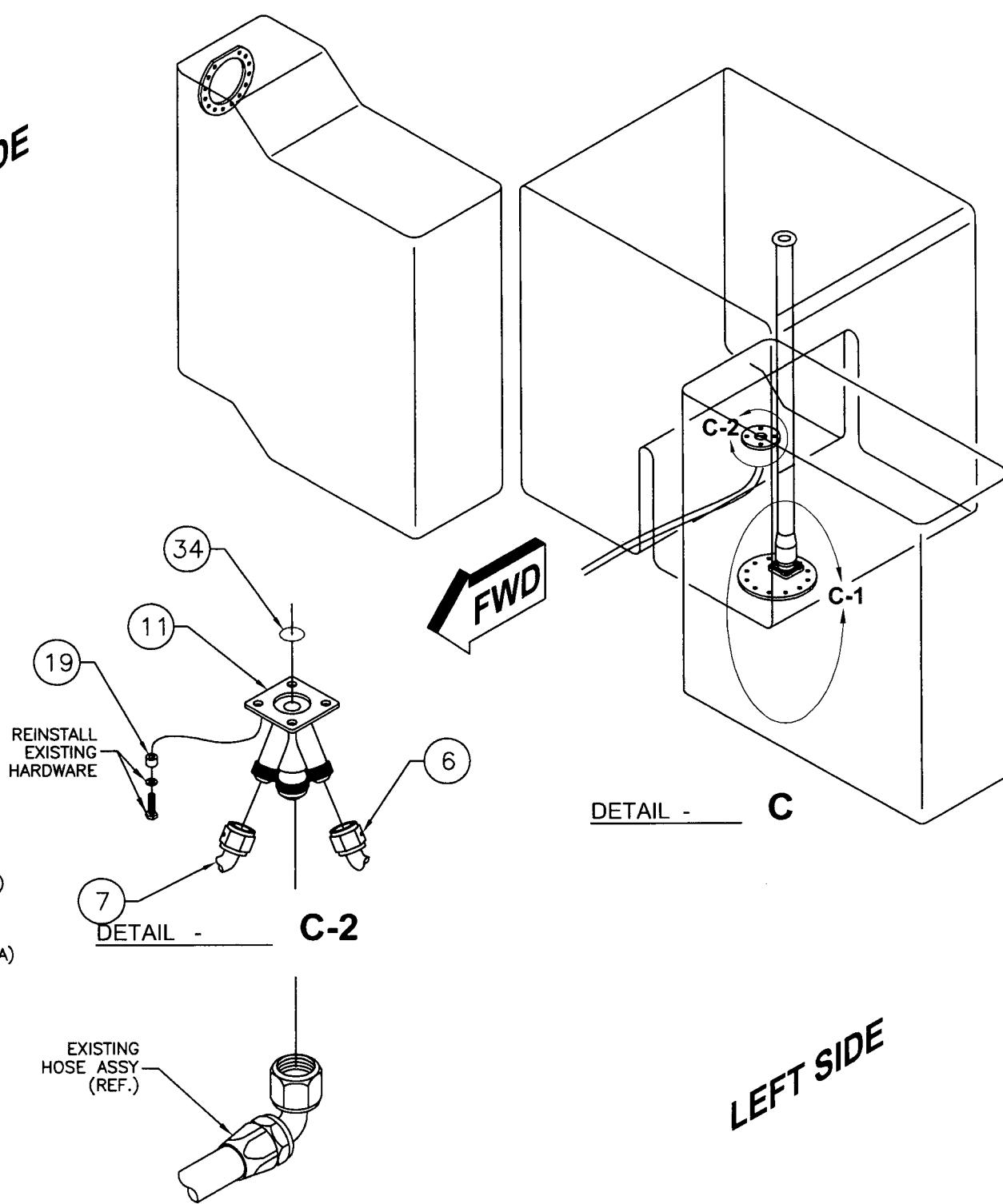
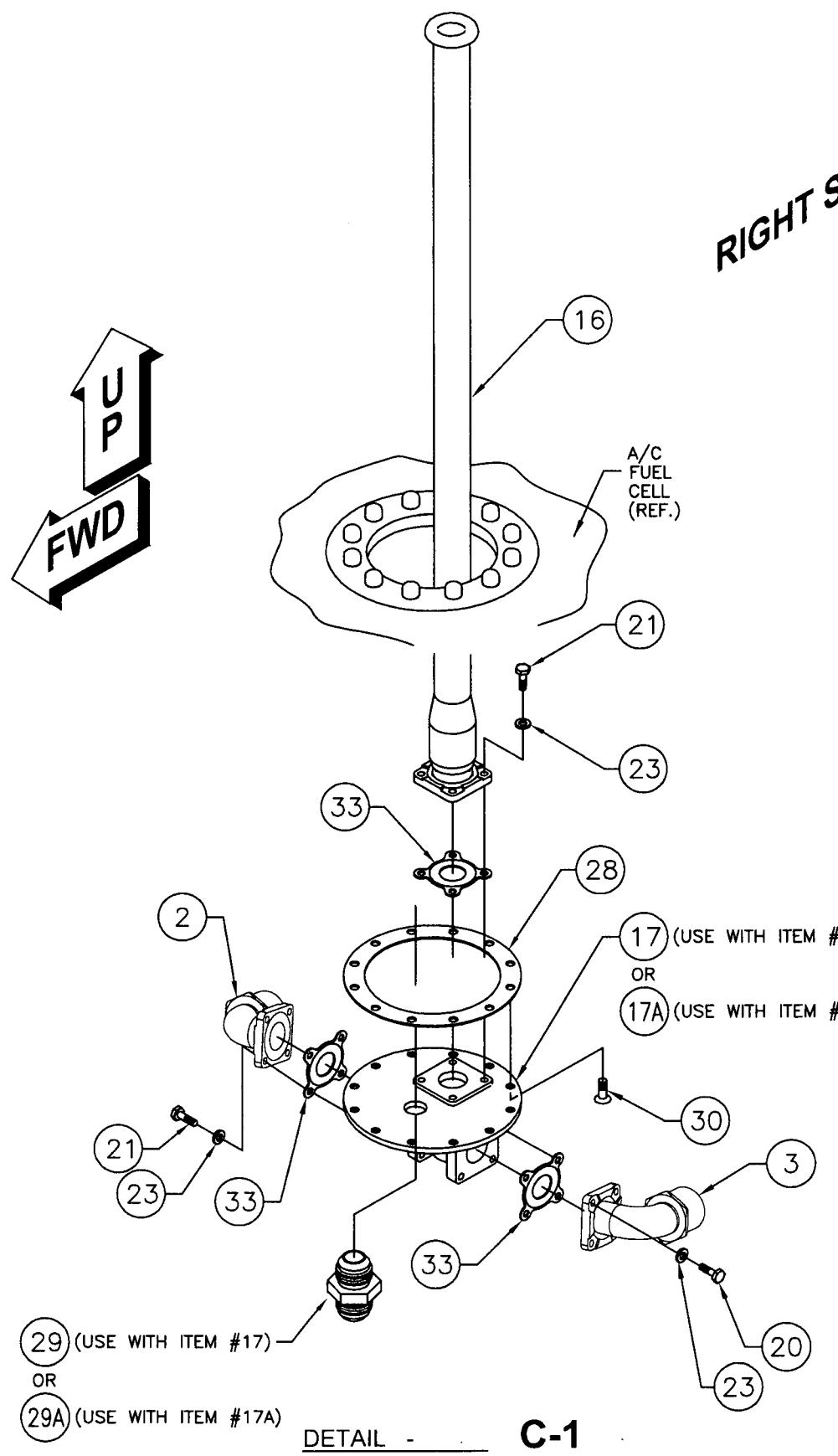
A-A

(SEE DETAIL C)

SHT 6

ORIGINAL DATE (MO-DA-YR) 06-26-01				
DRAWN BY D. NELSON	CHECKER			
DRAWING APPROVAL				
CONTRACT No.				
<p>UNLESS OTHERWISE SPECIFIED</p> <p>DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES ON</p> <p>2 PLACE DECIMALS ± .03</p> <p>3 PLACE DECIMALS ± .010</p> <p>ANGLES: ± 3°</p>				
 APICAL INDUSTRIES, INC. <p>2606 TEMPLE HEIGHTS DR. CLOVIS, CA 93611-3512 (760) 724-0300</p>				
<h1>FUEL SYSTEM INSTALLATION</h1>				
SIZE	CAGE CODE	DWG. NO.	REV	
B	07M26	41228-300-009	B	
SCALE	NONE	SHEET	5	of 6

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ORIGINAL DATE (MO-DA-YR)	06-26-01			
DRAWN BY	CHECKER			
D. NELSON				
DRAWING APPROVAL				
CONTRACT No.				
UNLESS OTHERWISE SPECIFIED				
DIMENSIONS ARE IN INCHES				
TOLERANCES ON: 2 & 3 PLACES ± .03 5 PLACES ± .010 ANGLES ± .05				
SIZE	CAGE CODE	DWG. NO.	REV	
B	07M26	41228-300-009	B	
SCALE	NONE	SHEET	8	of 6